

I claim:

1. A method for producing a hook-flash on a loop, said loop incorporating a supervisory signal circuit that includes:

a source-detector complement comprised of a supervisory signal source in series with a supervisory current threshold detector;

at least one supervised device connected to the loop across said source-detector complement in series with at least one intervening element of distributed impedance of the loop;

a manually-operable, normally-open contact device in series with a counter-signal source, connected to the loop across the source-detector complement in series with at least one element of said at least one intervening element of distributed impedance of the loop; and

a loop current produced by said supervisory signal source through said supervisory current threshold detector and through at least one closed contact device within said at least one supervised device and through said at least one element of the at least one intervening element of distributed impedance of the loop;

and whereby a timed duration, manual cycling of said manually-operable, normally-open contact device in series with said counter-signal source imposes on the loop a counter voltage that impedes said loop current through the supervisory current threshold detector sufficiently to cause a supervisory threshold breach for said timed duration, thereby producing the hook-flash on the loop.

0954393-091894

- a source-detector complement comprised of a supervisory signal source in series with a supervisory current threshold detector;

at least one supervised device connected to the loop across said source-detector complement in series with at least one intervening element of distributed impedance of the loop;

an event-triggerable, automatically-operated, normally-open contact device in series with a counter-signal source, connected to the loop across the source-detector complement in series with at least one element of said at least one intervening element of distributed impedance of the loop; and

a loop current produced by said supervisory signal source through said supervisory current threshold detector and through at least one closed contact device within said at least one supervised device and through said at least one element of the at least one intervening element of distributed impedance of the loop;

and whereby a timed duration, event-triggered cycling of said event-triggerable, automatically-operated, normally-open contact device in series with said counter-signal source imposes on the loop a counter voltage that impedes said loop current through the supervisory current threshold detector sufficiently to cause a supervisory threshold breach for said timed duration, thereby producing the hook-flash on the loop.